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# SUGAR REPORTS

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AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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### MARKET REVIEW

On December 16, the Secretary of Agriculture announced consumption requirements of 9,200,000 tons for calendar year 1965. This was the same total amount as proposed on October 19, 1964. The principal addition to the previous proposal was the spelling out of the method of imposing limitations for the first half of the year on the importation of sugar. During the first quarter 500,000 tons may be entered and during the second quarter 1,200,000 tons. This action limits foreign imports during the first half to slightly over half of the quantity established by the requirements determination.

During the first quarter of 1964 receipts of foreign sugar totaled 502,000 tons, of which 496,000 tons was raw sugar for refiners. In addition to foreign sugar, refiners received about 560,000 tons of domestic quota sugar, or a total of 1,056,000 tons. During the first quarter of 1964, refiners' stocks were reduced about 355,000 tons, but still were at a very high level, 1,021,000 tons, as compared with an average during the previous five years of 632,000 tons.

During the first quarter of 1965, foreign sugar receipts will be at the same level as last year but larger quantities of domestic raw sugar will be available to refiners. It is expected that about 200,000 tons more mainland raw sugar would move to refiners and there may be slightly more sugar available from Hawaii and Puerto Rico. With receipts of about 1,250,000 tons during the first quarter of the year, refiners' stocks would be at a moderate level at the end of March.

Refiners' deliveries during the first quarter of 1964 totaled 1,355,000 tons and are not expected to substantially exceed this amount during the first quarter of 1965. The high rate of deliveries during December to date indicates some stockpiling by users in anticipation of higher prices for refined sugar early next year and this can be expected to have an adverse effect on deliveries by refiners early next year.

Beet sugar processors will have about 650,000 tons more sugar on hand at the end of this year than on December 31, 1963. Their deliveries are expected to be at a higher rate during the early months of 1965 than in



1964 because their sales in late 1964 were restricted by limited marketing allotments.

Charges against 1964 sugar quotas apparently will total about 9,175,000 tons, of which 5,575,000 tons are expected to be from domestic areas and 3,600,000 tons from foreign countries. About 504,000 tons of global quota sugar was withheld from the 9,800,000 ton consumption requirement, and it appears that an additional 45,000 tons of foreign sugar may not be entered during 1964. The domestic deficit of about 75,000 tons is attributable to a probable short fall in Puerto Rican entries.

Quota charges of 9,175,000 tons, plus the very high level of quota sugar stocks held at the beginning of the year, 1,324,000 tons, when adjusted for losses in the refining process resulted in an overall supply of 10,440,000 tons of quota sugar for 1964. With deliveries for U. S. consumption expected to be about 9,650,000 tons, quota stocks at the end of 1964 would total 790,000 tons. While this would be a reduction of 534,000 tons from quota stocks at the beginning of the year, such stocks would be about the same as at the end of 1962. About 35,000 tons of the 790,000 tons are expected to be direct-consumption sugar held by importers and the balance would be sugar for further processing normally in the hands of refiners, but this year importers may also hold some such sugars.

Quota charges in 1963 totaled 10,515,000 tons and with reported deliveries of 9,989,000 tons, year-end 1963 quota stocks increased 524,000 tons over those held December 31, 1962. Physical deliveries in 1963, after adjustment for sugar actually delivered in 1964, totaled 9,800,000 tons with an indicated increase in invisible stocks of about 100,000 tons.

With 1964 deliveries estimated at 9,650,000 tons, there would be a total decrease of 339,000 from last year's deliveries totaling 9,989,000 tons. Beet sugar deliveries will be 266,000 tons less than during 1963 and refiner's deliveries are expected to be about 90,000 tons lower than last year. Importers and mainland cane mills' deliveries of direct-consumption sugar are expected to be slightly higher in 1964.

Deliveries for U. S. consumption during January-November 1964 totaled 8,802,000 tons and December deliveries are estimated at about 848,000 tons. This is a high rate of deliveries for that month if one assumes

that they will include very little constructive deliveries. However, indicated refined price increases to be effective in January and the possibility of a dock strike, are expected to bolster demand.

With 1964 sugar deliveries estimated at about 9,650,000 tons and with 231,000 tons of sugar reported in 1963, but physically delivered in 1964, the total sugar physically made available to users would total about 9,875,000 tons. The high rate of deliveries during December indicates an increase of about 75,000 tons in invisible stocks during the year.

Production of new crop sugar in the mainland cane area totaled about 370,000 tons through November 1964 and is expected to total 725,000 tons during this calendar year. Only 480,000 tons of this production can be marketed during 1964. An additional 475,000 tons of the 1964 crop is expected to be produced during early 1965, most of it during the first quarter. The effective inventory of 720,000 tons would be about 300,000 tons higher than that at the beginning of 1964 and 500,000 tons above the 1959-63 average. About 50,000 tons of the 720,000 tons will be marketed as direct-consumption sugar and the balance would be available to refiners. During January-March 1964 refiners' receipts of mainland raw sugar totaled 165,000 tons but it is expected that about 200,000 tons more mainland cane raw sugar will move to refiners during the first quarter of 1965.

In the domestic beet sugar area production of sugar through November totaled about 2,720,000, of which 1,100,000 tons was from the 1963 crop and 1,620,000 tons from the 1964 crop. Production during the calendar year is expected to be about 3,350,000 tons. With marketings limited to 2,700,000 tons, there will be an increase of 650,000 tons in physical stocks over the 1,025,000 held at the beginning of this year. The January 1, 1965 effective inventory (physical stocks of 1,675,000 plus additional 1964 crop production of about 1,000,000 tons) would total approximately 2,675,000 tons or slightly more than the 1965 quota for the domestic beet area.

The spot price for domestic raw sugar at New York averaged 6.17 cents per pound in November 1964 and 6.93 cents for the first 11 months of this year. During the first 18 days of December this price averaged 6.48 cents and for the period January 1 - December 18 the average was 6.91. The calendar year 1964 average price should be about 6.90 cents as compared with last year's average of 8.18 cents and a five-year (1959-63) average of 6.69 cents per pound. During the first six months of 1964



the spot price of domestic raw sugar averaged 7.53 cents and during the last half 6.26 cents per pound.

During January-November 1964, the spot price for world sugars averaged 6.15 cents per pound. During the first 18 days of December, this price averaged 2.85 cents. Assuming a continuation of the level of prices prevailing at the end of that period the average for the month would be about 2.83 cents and the annual average would be about 5.87 cents or on a comparable basis, including freight and duty, about 0.10 cent less than the 6.90 cents estimated average for domestic raw sugar. During the first 6 months of 1964 the world price averaged 7.95 cents and during the last 6 months 3.79 cents per pound.

During 1963 the average spot price for world raw sugar was 8.50 cents per pound or 1.23 cents above the average for domestic sugar on a comparable basis.

Increases in the wholesale list prices for refined sugar have been announced to be effective in some of the territories during December. Refined cane sugar prices increased 0.25 cent in the Northeast, Southeast and Gulf effective December 7. On the West Coast an increase of 0.25 cent was announced by some primary distributors to be effective December 14 but it now appears that the increase was only 0.15 cent in the Northwest and prices remain unchanged in the Lower Pacific Coast territory. Beet sugar prices were unchanged in the Eastern and Chicago-West territory.

As of December 18, the following quotations were in effect:

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100 lb. paper bags</u>	
Northeast	9.85	
New York Metropolitan area	9.75	
Southeast	9.20	
Gulf	9.15	
Eastern beet		8.60
Chicago-West	8.80	8.60
Lower Pacific Coast	9.05	9.05
Northwest Intermountain	9.00	9.00

ADMINISTRATIVE ACTIONS RELATING TO 1965 SUGAR SUPPLIES1965 Sugar Requirements, Quotas and Import Regulation Changes  
Announced: (December 16, 1964)

Secretary of Agriculture Orville L. Freeman today determined the amount of sugar to meet consumer requirements in the continental United States for 1965. Today's determination is in accordance with the proposal the Secretary announced on October 19 except that the quota for Hawaii has been increased. This will slightly change the quotas of most foreign countries. Today's actions include:

- (1) The determination of sugar requirements and the establishment of quotas for the calendar year 1965 totaling 9.2 million short tons, raw value.
- (2) An increase of 5,479 tons in the quota for Hawaii pursuant to Section 202(a)(2)(B) of the Act.
- (3) Quarterly limitations for the first half of 1965 on importations of raw sugar from all foreign countries, as a group, as follows:

First Quarter	500,000 tons
Second Quarter	1,200,000 tons

- (4) Sugar import regulation 817 is amended to provide for application for set-aside of quota to accommodate these limitations. Applications for importation of sugar or for set-aside of quota for arrival early 1965 for which evidence is furnished within five days of the date of publication of the regulation in the Federal Register, that ship charters were irrevocably arranged prior to 4:00 p.m. November 30, 1964 will be approved.

All applications covering sugar to be imported during the first quarter of 1965 received within such five days will be considered as having been received at the same time. Other set-aside applications for quota sugar from all foreign countries will be accepted on a first-come-first-served basis up to the quantity of the total imports scheduled for the particular quarter of 1965.



If two or more applications become eligible at the same time and the unfilled balance of the quantitative limitation is less than the total quantity covered by such applications, priority will be given to applications on the basis of the country having the smallest ratio between the quantity already authorized for entry for the year 1965 and the average of the quantities imported from such country during like periods in 1963 and 1964. Ties will be broken by giving priority first to the application covering the smallest quantity of sugar and then to the application covering sugar from the country having the smallest quota. Applications for set-aside of 1965 quota prorations for importation after the first quarter may be approved as much as 75 days in advance of the first day of the scheduled quarter of importation. All applications received before such time shall be considered as having been received at the same time.

Secretary Freeman stated that the imposition of time limitations on the imports of raw sugar from foreign countries is necessary to insure that **prices for raw sugar will be** in line with the price objective of the Sugar Act, which is currently 6.6 cents per pound. He added that 1965 futures prices as quoted by the New York Coffee and Sugar Exchange indicate that world prices of sugar will be substantially below the domestic price objective. Since no import fee is applicable to 1965 imports, the favorable United States price differential suggests that imports in early 1965 might be well in excess of our market requirements in the absence of these quantitative restrictions.

These **actions make effective**, as of January 1, 1965, both the quarterly limitations and the quotas as set forth in the following table:

Area or Country	:	Quotas	:	Direct
	:	and	:	Consumption
	:	Prorations	:	Limit
		Short tons, raw value		
Domestic beet sugar		2,650,000		no limit
Mainland cane sugar		895,000		no limit
Hawaii		1,115,479		31,464
Puerto Rico		1,140,000		138,000
Virgin Islands		15,232		0
Total domestic areas		5,815,711		169,464
Republic of the Philippines		1,050,000		59,920
Quantity held in reserve for pro- ration to countries listed below when final charges for 1964 become available.		233,429		0
Argentina		59,244		
Australia		171,913		
Belgium		1,744		182
Brazil		204,057		
British Honduras		3,845		
British West Indies		112,690		
China, Republic of		63,026		
Colombia		27,038		
Costa Rica		32,143		
Dominican Republic		357,566		
Ecuador		45,652		
El Salvador		15,820		
Fiji Islands		41,954		
France		5,315		
French West Indies		39,706		
Guatemala		36,828		
Haiti		20,168		
India		89,224		
Ireland		7,983		7,983
Madagascar		6,723		
Mauritius		13,866		
Mexico		358,617		
Nicaragua		37,395		
Panama		13,298		3,817
Peru		222,691		
Reunion		2,038		
South Africa		98,047		
Southern Rhodesia		8,403		
Turkey		1,408		
Venezuela		2,458		
GRAND TOTAL		9,200,000		241,366

OTHER ADMINISTRATIVE ACTIONS

<u>Date announced</u>	<u>Nature of action</u>
November 14, 1964	Determination of sugar commercially recoverable from sugarbeets of the 1964 crop produced in the Finger Lakes area of New York. (See November 14, 1964 Federal Register).
November 18, 1964	Announced that a public hearing regarding allotment to processors of the 1965 sugar quota for the Domestic Beet Sugar Area will be held Dec. 4 at 10 a.m. (EST) in Room 6764, South Building, U.S. Department of Agriculture, Washington, D.C. (See November 21, 1964 Federal Register).
November 19, 1964	<p>Determination of proportionate shares (farm acreage allotments) for farms in the domestic beet sugar area for the 1965 crop. This action follows announcement Oct. 19 (USDA 3563-64) of a 1965-crop sugarbeet acreage limitation of 1,375,000 acres, which was recommended to the Department by the beet sugar industry.</p> <p>This determination embodies the principal proposals by the Department at an informal public hearing in San Francisco Oct. 27, 1964. (See November 25, 1964 Federal Register).</p>
November 19, 1964	<p>Revised 1964 processor allotments on permitted entries of Puerto Rican sugar into the United States for direct-consumption.</p> <p>The revised allotments reflect the substitution of final 1963 data on marketings of Puerto Rican</p>



<u>Date announced</u>	<u>Nature of action</u>
November 19, 1964 (cont'd.)	direct-consumption sugar in the continental United States for estimates of such quantities and determines deficits in allotments of 1,477 tons and prorates such deficits to other allottees able to market additional sugar. (See November 25, 1964 Federal Register).
November 20, 1964	Designation of local producing areas eligible for abandonment and crop deficiency payments on the 1963-64 sugarcane crop in Puerto Rico. (See November 20, 1964 Federal Register).
November 20, 1964	Designation of local producing areas eligible for abandonment and crop deficiency payments on the 1964 sugarcane crop in the Virgin Islands. (See November 20, 1964 Federal Register).
December 10, 1964	Estimated 1965 sugar requirements and proposed quotas of 50,000 and 130,000 short tons, raw value, for local consumption in Hawaii and Puerto Rico, <b>respectively</b> . The proposed quotas are the same as those established for serving the local sugar needs in the calendar years 1963 and 1964. (See December 15, 1964 Federal Register).
December 10, 1964	Acreage allocations to 22 sugar beet producing States from the previously announced national acreage limitation of 1,375,000 acres for the 1965 crop.  The Department also announced dates by which farm operators should file requests for proportionate shares based on State allocations. (See December 12, 1964 Federal Register).
December 12, 1964	Amendment to the determination of proportionate shares in the Mainland Cane Sugar area to clarify and provide for distribution of the 10,000 reserve acres established for Louisiana. (See December 12, 1964 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. November 1964 sugar deliveries for continental U. S. consumption 721,000 short tons, raw value (preliminary), down about 102,000 tons from October 1964 but up 84,000 tons from November 1963. January-November 1964 deliveries 8,802,000 short tons, raw value (preliminary), down 237,000 tons from January-November 1963. Final data for October 1964 deliveries 823,000 short tons, raw value - same as previously published preliminary.

2. Primary distributors' stocks November 28, 1964 were 2,024,339 short tons, raw value (preliminary), up 105,000 tons from a year ago, and up 616,000 tons from end October 1964. During November refiners' stocks increased by 183,000 tons, beet processors' stocks by 415,000 tons, mainland cane processors' stocks by 16,000 tons, and importers of direct consumption sugar stocks by 2,000 tons.

3. Charges to 1964 quotas through November 30, 1964 were 8,699,152 short tons, raw value, leaving a balance of 1,102,381 tons to be supplied within the 9,800,000 ton total.

4. Regionally, January-October deliveries, 1964 as compared to 1963, were down to 4 of the 5 regions: Decreases -- North Central 4.3 percent, South 4.9 percent, Middle Atlantic 6.1 percent, New England 6.4 percent. Increase -- West up 3.0 percent.

5. Third quarter 1964 sugar deliveries were larger to all industrial user groups than for the same 1963 quarter, and they were also larger to three of the four non-industrial buyer groups. To industrial buyers the national increase was 13.4 percent, and to non-industrial buyers 4.1 percent. Corn refiners' total domestic shipments of corn sirup and dextrose were up by about 7.3 percent.



Table 1. - Sugar supply and disposition by primary distributors, January-October 1964

(Short tons, raw value)

Item	Beet	Importers	Main-land cane	Refiners		Net total
	processors		processors	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan.1, 1964</u>	1,025,166	42,557	45,258	1,027,256 <sup>2/</sup>	349,639 <sup>2/</sup>	2,489,876
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	167,936	0	0	979	168,915
b. Produced from beets or cane	2,059,998	0	350,033	20,674	6,853)	
Less deliveries to refiners	0	0	344,711	0	0)	2,092,847 <sup>3/</sup>
c. Receipts of raws by refiners	0	0	0	4,820,856 <sup>4/</sup>	0)	
Less raws melted	0	0	0	5,512,781	0)	-691,925 <sup>5/</sup>
d. Refined from raws melted	0	0	0	0	5,453,806	5,453,806
e. Adjustments	-252	-2,833	-877	-1,041	+854	-4,149
f. Sub-total	2,059,746	165,103	4,445	-672,292	5,462,492	7,019,494
3. <u>Net total supply</u>	3,084,912	207,660	49,703	354,964	5,812,131	9,509,370
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	2,335,855	178,385	35,539	7,528	5,523,364	8,080,671
b. Export	0	0	0	0	15,153	15,153
c. Livestock feed	1,392	1,817	0	0	1,530	4,739
d. Sub-total	2,337,247	180,202	35,539	7,528	5,540,047	8,100,563
5. <u>Inventory Oct.31,1964</u>	747,665	27,458	14,164	347,436 <sup>6/</sup>	272,084 <sup>6/</sup>	1,408,807
6. <u>Total distribution and inventory</u>	3,084,912	207,660	49,703	354,964	5,812,131	9,509,370

<sup>1/</sup> Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners. <sup>2/</sup> Includes mainland cane sugar not charged to quota: Raws: 62,767; Refined, 32,388; Total, 95,155. <sup>3/</sup> Production less deliveries of raw sugar to refiners. <sup>4/</sup> Includes 328,470 tons received from mainland cane processors. <sup>5/</sup> Receipts of raw sugar by refiners less melt. <sup>6/</sup> Includes mainland cane sugar not charged to quota: Raws, 5,878; Refined, 7,718; Total, 13,596.

Table 2.- Receipts of quota-exempt and over-quota sugar included in Table 8.

Purpose	Refiners		Importers		Total	
	1964	1963	1964	1963	1964	1963
Short tons, raw value						
For: Export	12,225	10,967	1,655	134	13,880	11,101
Livestock feed	2,938	0	4,334	16,994	7,272	16,994
Later release						
Bonded	0	523	0	0	0	523
In customs custody	0	0	15	0	15	0
Total	15,163	11,490	6,004	17,128	21,167	28,618



Table 3.- Distribution of sugar by primary distributors, January-October 1964 and 1963

Item	1964	1963	Change 1963 to 1964
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	7,528	12,000	- 4,472
Refiners' refined	5,540,047	5,974,347	-434,300
Sub-total	5,547,575	5,986,347	-438,772
Beet processors' refined	2,337,247	2,225,824	+111,423
Importers' direct consumption	180,202	195,983	- 15,781
Mainland sugarcane processors'	35,539	26,759	+ 8,780
Total	8,100,563	8,434,913	-334,350
For: Export	15,153	27,099	- 11,946
Livestock feed	4,739	6,432	- 1,693
Continental consumption <sup>1/</sup>	8,080,671	8,401,382	-320,711
<u>Puerto Rico</u>		99,940	
<u>Hawaii</u>	36,265	36,979	- 714
<sup>1/</sup> Includes deliveries for United States military forces at home and abroad.			

Table 4.- Stocks of sugar held by primary distributors in the continental United States, October 31, 1964 and 1963

Item	1964	1963	Change 1963 to 1964
Short tons, raw value			
Refiners' raw	347,436	396,209	- 48,773
Refiners' refined	272,084	240,690	+ 31,394
Sub-total <sup>1/</sup>	619,520	636,899	- 17,379
Beet processors' refined	747,665	595,249	+152,416
Importers' direct consumption	27,458	21,326	+ 6,132
Mainland sugarcane processors'	14,164	19,410	- 5,246
Total	1,408,807	1,272,884	+135,923
<sup>1/</sup> Included mainland cane sugar not charged to quota: 1964 - Raws, 5,878; Refined, 7,718; Total, 13,596; 1963 - Raws, 22,066; Refined, 3,402; Total, 25,468			

Table 5.- Distribution of sugar by primary distributors in the continental United States, November and January-November 1964 and 1963

Item	1964 <sup>1/</sup>	1963
Short tons, raw value		
	November	November
	Jan.-November	Jan.-November
Refiners	527,073	6,074,648
Beet processors' refined	168,587	2,505,834
Importers' direct consumption	20,574 <sup>2/</sup>	200,776
Mainland sugarcane processors'	5,000	40,539
Total	721,234	8,821,797
For: Export	n.a.	15,153
Livestock feed	n.a.	4,739
Continental consumption <sup>3/</sup>	721,234	8,801,905
		638,717
		9,073,630
		28,413
		6,464
		9,038,753

<sup>1/</sup> Preliminary. <sup>2/</sup> Estimated. <sup>3/</sup> Includes deliveries for U. S. military forces at home and abroad.

Table 6.- Stocks of sugar held by primary distributors in the continental United States, November 28, 1964 and November 30, 1963

Item	1964 <sup>1/</sup>	1963	Change 1963 to 1964
Short tons, raw value			
Refiners' raw	520,196	581,280	- 61,084
Refiners' refined	282,494	339,362	- 56,868
Sub-total	802,690	920,642	-117,952
Beet processors' refined	1,162,366	926,859	+235,507
Importers' direct consumption	29,283 <sup>2/</sup>	25,082	+ 4,201
Mainland sugarcane processors'	30,000	47,255	- 17,255
Total	2,024,339	1,919,838	+104,501

<sup>1/</sup> Preliminary. <sup>2/</sup> Estimated.

Table 7.- Mainland sugar: Production and quota charges January-October 1964 and 1963.

Item	1964	1963	Change 1963 to 1964
Production			
Short tons, raw value			
Mainland cane	375,160	436,571	- 61,411
Domestic beet	2,059,746	1,452,647	+607,099
Total	2,434,906	1,889,218	+545,688
Quota charges			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	95,402	113,306	- 17,904
For direct-consumption	6,987	11,759	- 4,772
Louisiana processor-refiners	107,563	74,908	+ 32,655
Florida sugarcane processors	277,861	256,754	+ 21,107
Sub-total	487,813	456,727	+ 31,086
Beet processors	2,335,855	2,225,824	+110,031
Total	2,823,668	2,682,551	+141,117

Table 8.- Sugar receipts of refiners and importers by source of supply<sup>1/</sup> January-October 1964 and 1963

Table 6. Sugar receipts of farmers and importers by source of supply January-October 1964 and 1963						
Source of supply	Raw sugar		Direct-consumption		Total	
	1964	1963	1964	1963	1964	1963
Short tons, raw value						
<u>Offshore</u>						
<u>Foreign</u>						
Argentina	13,199	181,975			13,199	181,975
Australia	200,354	207,627			200,354	207,627
Belgium		7,365				7,365
Brazil	98,425	280,705			98,425	280,705
British Honduras	6,006	1,712			6,006	1,712
British West Indies	102,758	135,803	2		102,760	135,803
Canada				10		10
China, Republic of	81,166	71,272			81,166	71,272
Colombia	11,798	45,019			11,798	45,019
Costa Rica	40,537	40,649			40,537	40,649
Denmark			20		20	
Dominican Republic	352,382	522,493			352,382	522,493
Ecuador	48,111	28,442			48,111	28,442
El Salvador	19,513	18,967			19,513	18,967
Fiji Islands	38,936	24,556			38,936	24,556
France	846	22,947	1,141	5,065	1,987	28,012
French West Indies	32,098	94,312			32,098	94,312
Germany, West				10		10
Guatemala	37,260	51,059	487 <sup>2/</sup>		37,747	51,059
Haiti	15,030	36,417			15,030	36,417
Hong Kong			10	10	10	10
India	110,562	118,969			110,562	118,969
Ireland				4,984		4,984
Japan			1	1	1	1
Madagascar	11,569				11,569	
Mauritius		54,420				54,420
Mexico	445,074	355,793	10		445,084	355,793
Netherlands			10		10	
Nicaragua	39,384	32,329			39,384	32,329
Panama	15,420	6,144	3,856	3,815	19,276	9,959
Paraguay				4,688		4,688
Peru	119,136	307,841			119,136	307,841
Philippines	926,126	1,006,238	37,791	32,742	963,917	1,038,980
Reunion		20,870				20,870
South Africa	69,486	108,809			69,486	108,809
Southern Rhodesia	10,270	10,598			10,270	10,598
Sweden			10	2	10	2
Turkey		6,586		7,033		13,619
United Kingdom			10	10	10	10
Venezuela		11,916	4,310		4,310	11,916
Total	2,845,446	3,811,833	47,658	58,370	2,893,104	3,870,203
<u>Domestic</u>						
Hawaii	1,037,869	893,216	492 <sup>2/</sup>	0 <sup>2/</sup>	1,038,361	893,216
Puerto Rico	606,883	702,666	120,765	131,602	727,648	834,268
Virgin Islands	0	15,524	0	0	0	15,524
Sub-total	1,644,752	1,611,406	121,257	131,602	1,766,009	1,743,008
Total all offshore	4,490,198	5,423,239	168,915 <sup>3/</sup>	189,972 <sup>3/</sup>	4,659,113	5,613,211
Mainland cane area	349,144	371,160	6,853	14,513	355,997	385,673
Acquired for reprocessing and samples	2,188	3,331	0	0	2,188	3,331
Grand total	4,841,530	5,797,730	175,768	204,485	5,017,298	6,002,215

1/ Includes sugar as detailed in Table 2. 2/ Refined sugar received by refiners. 3/ Refined sugar produced direct from cane by processor-refiner.



Table 9.- Status of 1964 quotas and charges as of November 30, 1964

Source of supply	Quotas and prorations	Total charges	Balances	
			Total	Direct- consumption limits
Short tons, raw value				
Domestic beet sugar	2,698,590	2,504,000	194,590	
Mainland cane sugar	911,410	750,000	161,410	
Hawaii	1,110,000 <sup>2/</sup>	1,105,576 <sup>4/</sup>	4,424	32,383
Puerto Rico	915,000	733,496 <sup>3/4/</sup>	181,504	14,865
Virgin Islands	15,832	523	15,309	
Total domestic areas	5,650,832	5,093,595	557,237	47,248
Republic of the Philippines	1,173,521	1,173,521		
Details for quota prorated by countries				
Argentina	20,000	20,000		
Australia	40,366	40,861		
Belgium	182	180	2	2
Brazil	182,363	181,549	814	
British Honduras	974	974		
British West Indies	91,325	91,621		
China, Republic of	35,499	34,042	1,457	
Colombia	30,346	30,346		
Costa Rica	25,193	7,520	17,673	
Dominican Republic	322,096	322,058	38	
Ecuador	25,193	25,107	86	
El Salvador	10,306	9,257	1,049	
Fiji Islands	10,020	10,098		
French West Indies	30,346	30,342	4	
Guatemala	20,326	12,554	7,772	
Haiti	20,326	14,957	5,369	
India	20,326	20,326		
Ireland	10,000	10,000		
Mexico	192,096	191,189	907	
Nicaragua	25,193	25,140	53	
Panama	8,832	8,832		
Peru	192,096	192,077	19	
South Africa	20,326	20,326		
Western Hemisphere Deficits	138,056	138,720		
Global quota: Authorized for purchase	1,000,000	993,960	6,040	
Withheld	503,861		503,861	
Total foreign countries (including Philippines)	4,149,168	3,605,557	545,144	2
Grand total	9,800,000	8,699,152	1,102,381	47,250

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set aside as of November 30, 1964.

2/ Despite deficits declared, the quota of 1,140,000 remains available.

3/ In addition, 622 tons of raw sugar were brought in for subsequent return to Puerto Rico.

4/ Includes raw sugar for direct-consumption: Hawaii, 36 tons; Puerto Rico, 4,903 tons.



Table 10.-Foreign countries charges January 1, 1964 - November 30, 1964

Source of supply	Basic	Global	Deficit	Total
Short tons, raw value				
Republic of the Philippines	1,050,000	46,269	123,521	1,219,790
Argentina	20,000			20,000
Australia	40,861	174,845		215,706
Belgium	180			180
Brazil	181,549			181,549
British Honduras	974	5,014		5,988
British West Indies	91,621	51,199		142,820
China, Republic of	34,042	47,114		81,156
Colombia	30,346			30,346
Costa Rica	7,520	20,806	12,200	40,526
Dominican Republic	322,058	31,766	48,793	402,617
Ecuador	25,107	32,846		57,953
El Salvador	9,257	10,245		19,502
Fiji Islands	10,098	44,570		54,668
France		845		845
French West Indies	30,342	3,944		34,286
Guatemala	12,554	19,631	5,066	37,251
Haiti	14,957			14,957
India	20,326	90,227		110,553
Ireland	10,000			10,000
Madagascar		11,559		11,559
Mexico	191,189	224,599	63,339	479,127
Nicaragua	25,140	25,261		50,401
Panama	8,832	10,384		19,216
Peru	192,077	33,115	9,322	234,514
South Africa	20,326	99,634		119,960
Southern Rhodesia		10,087		10,087
Total	2,349,356	993,960	262,241	3,605,557

In addition to quantities shown, there is in Custom's custody: Hong Kong, 15 tons; Sweden, 6 tons; United Kingdom, 13 tons.

Table 11.-Quota-exempt sugar <sup>1/</sup> entered under Sections 211(a) and 212(4) as of November 30, 1964

Country	For Reexport	Feed	Sugar under bond for refining	Total
Short tons, raw value				
Australia	871	802		1,673
Belgium	326	4,392		4,718
Brazil		226		226
Dominican Republic	10,732	2,297		13,029
France		4,497		4,497
French West Indies	2,900			2,900
Guatemala	487			487
Panama		50		50
Peru	2,212			2,212
United Kingdom	107			107
Venezuela	1,168	3,138		4,306
Total	18,803	15,402		34,205

<sup>1/</sup> In addition a total of 384 tons were entered under provisions of Sec. 212; first 10 tons - 251; and liquid sugar in small containers - 133 tons.

Table 12. - Primary distribution of sugar, continental United States, by States, October 1964

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<b>New England</b>					
Connecticut	114,803		3,610	300	118,713
Maine	50,277		1,800		52,077
Massachusetts	414,924	3,200	22,468	300	440,892
New Hampshire	26,877				26,877
Rhode Island	35,952		4,335		40,287
Vermont	20,699				20,699
Sub-total	663,532	3,200	32,213	600	699,545
<b>Mid-Atlantic</b>					
New Jersey	644,729	8,116	60,818		713,663
New York	1,413,802	17,095	63,580		1,494,477
Pennsylvania	1,022,020	21,100	103,292		1,146,412
Sub-total	3,080,551	46,311	227,690		3,354,552
<b>North Central</b>					
Illinois	731,403	961,828		1,200	1,694,431
Indiana	365,760	113,520			479,280
Iowa	39,384	130,043			169,427
Kansas	37,311	64,260			101,571
Michigan	261,302	333,422			594,724
Minnesota	37,321	160,620		1,000	198,941
Missouri	183,419	141,593		900	325,912
Nebraska	29,833	96,166			125,999
North Dakota	26	23,885			23,911
Ohio	583,439	138,259	350		722,048
South Dakota	2,170	29,696			31,866
Wisconsin	99,537	197,204		1,000	297,741
Sub-total	2,370,905	2,390,496	350	4,100	4,765,851
<b>Southern</b>					
Alabama	213,083				213,083
Arkansas	91,955	7,801		1	99,757
Delaware	109,123		2,820		111,943
District of Columbia	27,786		4,710		32,496
Florida	230,927		47,835	8,818	287,580
Georgia	456,992		250		457,242
Kentucky	171,521	4,000		1,000	176,521
Louisiana	301,080			720	301,800
Maryland	314,217		36,276		350,493
Mississippi	148,231			600	148,831
North Carolina	300,436		6,970	240	307,646
Oklahoma	88,686	24,380			113,066
South Carolina	134,903				134,903
Tennessee	315,725				315,725
Texas	576,530	143,769		200	720,499
Virginia	277,919		23,807		301,726
West Virginia	93,319	350	1,900		95,569
Sub-total	3,852,433	180,300	124,568	11,579	4,168,880
<b>Western</b>					
Alaska	4,692	3,291			7,983
Arizona	35,831	18,612			54,443
California	699,045	942,834		600	1,642,479
Colorado	8,209	103,502			111,711
Idaho	4,436	26,245			30,681
Montana	2,982	23,962			26,944
Nevada	6,036	4,506			10,542
New Mexico	8,113	14,579			22,692
Oregon	44,857	97,902			142,759
Utah	8,298	50,387			58,685
Washington	66,695	183,582			250,277
Wyoming	427	6,752			7,179
Sub-total	889,621	1,476,154		600	2,366,375
<b>Grand total</b>	<b>10,857,042</b>	<b>4,096,461</b>	<b>384,821</b>	<b>16,879</b>	<b>15,355,203</b>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 13. - Primary distribution of sugar, continental United States, by States, January-October 1964

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<b>New England</b>					
Connecticut	1,006,733	14,638	22,860	1,250	1,045,481
Maine	515,511	6,763	4,500		526,774
Massachusetts	4,044,260	72,355	151,508	1,500	4,269,623
New Hampshire	300,913				300,913
Rhode Island	376,908		23,695		400,603
Vermont	171,528	49,311			220,839
Sub-total	6,415,853	143,067	202,563	2,750	6,764,233
<b>Mid-Atlantic</b>					
New Jersey	6,115,779	152,591	651,884	2,000	6,922,254
New York	12,965,621	611,960	713,607		14,291,188
Pennsylvania	9,522,476	450,649	700,713		10,673,838
Sub-total	28,603,876	1,215,200	2,066,204	2,000	31,887,280
<b>North Central</b>					
Illinois	7,075,564	8,806,748	800	13,300	15,896,412
Indiana	3,098,034	1,605,837		2,000	4,705,871
Iowa	420,333	1,426,596		9,200	1,856,129
Kansas	369,993	720,039		3,000	1,093,032
Michigan	2,234,182	3,231,636			5,465,818
Minnesota	339,469	1,702,835		6,000	2,048,304
Missouri	2,190,180	1,669,641		18,560	3,878,381
Nebraska	241,430	872,773		5,900	1,120,103
North Dakota	1,573	286,735			288,308
Ohio	4,985,606	2,067,238	2,120	2,000	7,056,964
South Dakota	21,480	286,833			308,313
Wisconsin	992,914	1,914,842		5,400	2,913,156
Sub-total	21,970,758	24,591,753	2,920	65,360	46,630,791
<b>Southern</b>					
Alabama	2,230,136				2,230,136
Arkansas	889,118	90,708		2,752	982,578
Delaware	770,174		11,410		781,584
District of Columbia	257,323		23,958		281,281
Florida	2,457,007		305,135	530,373	3,292,515
Georgia	4,809,522		805		4,810,327
Kentucky	1,981,747	65,958		13,800	2,061,505
Louisiana	2,971,865			7,245	2,979,110
Maryland	3,472,318	35,690	307,420		3,815,428
Mississippi	1,358,037			7,845	1,365,882
North Carolina	3,284,093		64,727	5,280	3,354,100
Oklahoma	950,521	316,099		405	1,267,025
South Carolina	1,335,510		6,171		1,341,681
Tennessee	3,121,721	1,679		850	3,124,250
Texas	5,809,743	1,511,293	6,643	2,180	7,329,859
Virginia	2,263,297	19,600	182,667	6,000	2,471,564
West Virginia	810,276	16,861	9,660		836,797
Sub-total	38,772,408	2,057,888	918,596	576,730	42,325,622
<b>Western</b>					
Alaska	34,778	19,391			54,169
Arizona	350,957	217,857			568,814
California	6,318,873	10,375,722	93,142	1,600	16,789,337
Colorado	78,146	933,486		800	1,012,432
Idaho	41,420	291,859			333,279
Montana	24,181	265,389			289,570
Nevada	60,293	43,623			103,916
New Mexico	84,614	156,786			241,400
Oregon	546,677	1,133,027	25,166		1,704,870
Utah	69,637	556,220			626,257
Washington	566,653	1,591,688	24,277	400	2,182,618
Wyoming	4,368	68,483			72,851
Sub-total	8,180,597	15,653,531	142,585	2,800	23,979,513
<b>Grand total</b>	<b>103,943,492</b>	<b>43,661,439</b>	<b>3,332,868</b>	<b>649,640</b>	<b>151,587,439</b>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 14. - Primary distribution of sugar, continental United States, by states, January-October 1964 and 1963

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors <sup>1/</sup>	
	1964	1963	1964	1963	1964	1963
Thousands of hundredweights <sup>2/</sup>						
<u>New England</u>						
Connecticut	1,007	1,141	15	10	1,045	1,162
Maine	515	587	7	1	527	588
Massachusetts	4,044	4,417	72	63	4,270	4,510
New Hampshire	301	314			301	314
Rhode Island	377	397		2	400	422
Vermont	172	209	49	18	221	233
Sub-total	6,416	7,065	143	94	6,764	7,229
<u>Mid-Atlantic</u>						
New Jersey	6,116	6,909	152	103	6,922	7,660
New York	12,966	14,211	612	537	14,291	15,370
Pennsylvania	9,522	9,591	451	571	10,674	10,930
Sub-total	28,604	30,711	1,215	1,211	31,887	33,960
<u>North Central</u>						
Illinois	7,076	7,776	8,807	8,725	15,897	16,587
Indiana	3,098	3,117	1,606	1,458	4,706	4,577
Iowa	420	544	1,426	1,392	1,856	1,952
Kansas	370	375	720	812	1,093	1,190
Michigan	2,234	2,808	3,231	2,895	5,466	5,703
Minnesota	339	391	1,703	1,807	2,048	2,199
Missouri	2,190	2,536	1,670	1,597	3,878	4,146
Nebraska	241	204	873	1,044	1,120	1,253
North Dakota	2	3	286	303	288	307
Ohio	4,986	6,129	2,067	1,240	7,057	7,377
South Dakota	21	24	287	327	308	351
Wisconsin	993	1,249	1,915	1,837	2,913	3,090
Sub-total	21,970	25,156	24,591	23,437	46,630	48,732
<u>Southern</u>						
Alabama	2,230	2,411			2,230	2,414
Arkansas	889	1,026	91	40	983	1,068
Delaware	770	190		3	782	198
District of Columbia	257	312		2	281	340
Florida	2,457	2,624			3,293	3,399
Georgia	4,810	5,206			4,810	5,220
Kentucky	1,982	2,165	66	16	2,061	2,181
Louisiana	2,972	3,179			2,979	3,231
Maryland	3,472	3,323	36	35	3,815	3,608
Mississippi	1,358	1,414			1,366	1,421
North Carolina	3,284	3,608		1	3,354	3,706
Oklahoma	951	1,172	316	266	1,267	1,438
South Carolina	1,335	1,699		*	1,342	1,712
Tennessee	3,122	3,318	2	6	3,124	3,360
Texas	5,810	6,346	1,511	1,275	7,330	7,715
Virginia	2,263	2,370	19	100	2,472	2,703
West Virginia	810	751	17	23	837	790
Sub-total	38,772	41,114	2,058	1,767	42,326	44,504
<u>Western</u>						
Alaska	35	39	19	14	54	53
Arizona	351	373	218	212	569	585
California	6,319	6,109	10,376	9,717	16,789	15,956
Colorado	78	79	934	1,077	1,012	1,157
Idaho	41	46	292	296	333	342
Montana	24	22	265	296	290	318
Nevada	60	67	44	51	104	118
New Mexico	85	85	157	169	242	254
Oregon	547	527	1,133	1,050	1,705	1,617
Utah	70	67	556	561	626	629
Washington	567	543	1,592	1,580	2,183	2,163
Wyoming	4	5	68	75	73	80
Sub-total	8,181	7,962	15,654	15,098	23,980	23,272
<b>Grand total</b>	<b>103,943</b>	<b>112,008</b>	<b>43,661</b>	<b>41,607</b>	<b>151,587</b>	<b>157,697</b>

<sup>1/</sup> Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

\* Less than 500 hundredweights.

Table 15. -Sugar deliveries, by type of product or business of buyer and by type of sugar, third quarter, 1964 <sup>1/</sup>

UNITED STATES						
Product or business of buyer	Beet (Total)	Cane (Total)	Imported D.C. (Total)	Total All sugar	Liquid sugar included in totals	
					Beet	Cane
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	2,056,607	3,578,009	138,925	5,773,541	53,053	550,006
Confectionery and related products	1,311,218	2,986,235	110,994	4,408,447	41,674	687,574
Ice cream and dairy products	965,443	1,623,945	79,135	2,668,523	430,181	1,253,224
Beverages	1,951,153	6,468,722	79,163	8,499,038	844,561	4,062,959
Canned, bottled, frozen foods, jams, jellies and preserves	4,383,070	3,033,385	238,204	7,654,659	2,251,927	2,021,923
Multiple and all other food uses	928,011	1,246,478	35,429	2,209,918	43,095	282,293
Non-food products	<u>36,320</u>	<u>300,423</u>	<u>9,257</u>	<u>346,000</u>	<u>1,726</u>	<u>132,852</u>
<u>Sub-total</u>	11,631,822	19,237,197	691,107	31,560,126	3,666,217	8,990,831
<u>Non-industrial</u>						
Hotels, restaurants, institutions	23,272	320,157	4,625	348,054	1,548	18,985
Wholesale grocers, jobbers, sugar dealers	3,986,848	9,483,727	508,113	13,978,688	138,672	42,646
Retail grocers, chain stores, super markets	1,731,293	5,253,242	87,776	7,072,311	26,264	28,296
All other deliveries, in- cluding deliveries to Government agencies	<u>282,660</u>	<u>311,130</u>	<u>37</u>	<u>593,827</u>	<u>6,948</u>	<u>160</u>
<u>Sub-total</u>	6,024,073	15,368,256	600,551	21,992,880	173,432	90,087
TOTAL DELIVERIES	17,655,895	34,605,453	1,291,658	53,553,006	3,839,649	9,080,918
Deliveries in consumer- size packages (less than 50 lbs.)	3,610,395	12,522,251		16,132,646		
Deliveries in bulk (unpackaged)	4,897,780	5,873,433		10,771,213		

<sup>1/</sup> Represents approximately 97.7 Percent of deliveries by primary distributors in continental United States.



Table 16.-Sugar deliveries by type of product or business of buyer, third quarter 1964 and percentage change from third quarter 1963

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<b>Industrial</b>						
Bakery, cereal and allied products	5,773,541	171,900	1,153,895	2,540,017	1,241,590	666,139
Confectionery and related products	4,408,447	349,464	1,934,673	1,433,286	360,179	330,845
Ice cream and dairy products	2,668,523	124,424	557,963	900,204	674,564	411,368
Beverages	8,499,038	267,054	1,736,529	2,152,775	3,265,592	1,077,088
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	7,654,659	149,141	949,080	1,502,455	717,079	4,336,904
Multiple and all other food uses	2,209,918	43,980	279,772	1,174,760	189,570	521,836
Non-food products	<u>346,000</u>	<u>13,623</u>	<u>87,683</u>	<u>104,672</u>	<u>133,357</u>	<u>6,665</u>
Sub-total	31,560,126	1,119,586	6,699,595	9,808,169	6,581,931	7,350,845
<b>Non-industrial</b>						
Hotels, restaurants, institutions	348,054	24,682	55,850	43,147	74,191	150,184
Wholesale grocers, jobbers, sugar dealers	13,978,688	596,462	2,071,862	4,724,521	4,405,035	2,180,808
Retail grocers, chain stores, super markets	7,072,311	364,486	1,307,766	2,121,925	2,374,014	904,120
All other deliveries, including deliveries to Government agencies	<u>593,827</u>	<u>7,966</u>	<u>101,893</u>	<u>195,152</u>	<u>165,465</u>	<u>123,351</u>
Sub-total	21,992,880	993,596	3,537,371	7,084,745	7,018,705	3,358,463
TOTAL DELIVERIES	53,553,006	2,113,182	10,236,966	16,892,914	13,600,636	10,709,308
<b>Percentage change from third quarter 1963</b>						
<b>Industrial</b>						
Bakery, cereal and allied products	+ 5.2	- 9.7	-16.2	+ 2.3	+35.3	+27.9
Confectionery and related products	+ 7.2	+ 7.8	+ 0.5	+20.0	- 0.7	+ 8.7
Ice cream and dairy products	+10.1	+ 4.6	- 2.0	+18.0	+21.9	- 1.7
Beverages	+ 7.1	- 6.5	- 0.5	+ 5.2	+14.8	+ 5.8
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+20.0	-28.7	+10.8	+ 6.2	- 4.6	+37.9
Multiple and all other food uses	+80.9	+13.5	-18.5	+266.4	+191.4	+14.9
Non-food products	<u>+32.1</u>	<u>+72.0</u>	<u>+21.4</u>	<u>+37.8</u>	<u>+27.9</u>	<u>+329.2</u>
Sub-total	+13.4	- 4.7	- 2.8	+18.2	+17.6	+25.4
<b>Non-industrial</b>						
Hotels, restaurants, institutions	+12.3	-17.2	+10.6	+23.0	- 3.3	+27.4
Wholesale grocers, jobbers, sugar dealers	+ 4.9	+ 4.7	+ 4.8	+ 4.1	+ 0.9	+15.9
Retail grocers, chain stores, super markets	+ 5.8	- 7.2	- 6.9	+ 6.3	+ 5.5	+41.6
All other deliveries, including deliveries to Government agencies	<u>-26.2</u>	<u>-61.5</u>	<u>-40.0</u>	<u>+ 9.2</u>	<u>-23.5</u>	<u>-43.7</u>
Sub-total	+ 4.1	- 1.9	- 1.8	+ 5.0	+ 1.6	+17.6
TOTAL	+ 9.4	- 3.4	- 2.4	+12.3	+ 8.8	+22.8

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 17. Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) third quarter 1964

Area	Cane sugar	Beet sugar	Total
Hundredweights <sup>1/</sup>			
United States	12,522,251	3,610,395	16,132,646
New England	598,087	2,660	600,747
Middle Atlantic	2,373,674	26,892	2,400,566
North Central & West, Combined <sup>2/</sup>	3,760,295	3,501,479	7,261,774
South	5,790,195	79,364	5,869,559

<sup>1/</sup> Reported as produced or imported and delivered.

<sup>2/</sup> Combined to avoid disclosure of individual company data. Total distribution in consumer-size packages in these areas: North Central, 4,917,149; West, 2,344,625.

Table 18.-Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during January-September 1964 and 1963 with comparisons.

First three quarters	Region						U.S. total	Type of sugar	
	New England	Middle Atlantic	South	Central	West			Beet	Cane
1,000 hundredweights <sup>1/</sup>									
(1) Total direct deliveries									
1964	6,061	28,331	35,717	41,120	21,636	132,865	39,594	93,271	
1963	6,405	29,898	36,417	42,581	20,687	135,988	36,522	99,466	
Change	- 344	-1,567	- 700	-1,461	+ 949	-3,123	+3,072	-6,195	
(2) Consumer-size packages (granulated, less than 50 lbs.)									
1964	1,918	6,504	15,142	11,422	5,577	40,563	7,750	32,813	
1963	2,110	6,790	15,252	12,086	5,625	41,863	7,728	34,135	
Change	- 192	- 286	- 110	- 664	- 48	-1,300	+ 22	-1,322	
(3) Other deliveries, industrial and institutional									
1964	4,143	21,827	20,575	29,698	16,059	92,302	31,844	60,458	
1963	4,295	23,108	21,165	30,495	15,062	94,125	28,794	65,331	
Change	- 152	-1,281	- 590	- 797	+ 997	-1,823	+3,050	-4,873	
(3a) Bulk granulated									
1964	722	6,293	5,058	11,300	4,670	28,043	12,595	15,448	
1963	679	6,599	3,697	10,796	4,140	25,911	10,410	15,501	
Change	+ 43	- 306	+1,361	+ 504	+ 530	+2,132	+2,185	- 53	
(b) Liquid sugar									
1964	1,480	8,404	5,396	6,032	6,604	27,916	6,175	21,741	
1963	1,689	8,716	4,798	5,953	5,431	26,587	4,885	21,702	
Change	- 209	- 312	+ 598	+ 79	+1,173	+1,329	+1,290	+ 39	
(c) Industrial and institutional packages (granulated 50 lbs. and over)									
1964	1,941	7,130	10,121	12,366	4,785	36,343	13,074	23,269	
1963	1,927	7,793	12,670	13,746	5,491	41,627	13,499	28,128	
Change	+ 14	- 663	-2,549	-1,380	- 706	-5,284	- 425	-4,859	

<sup>1/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19. -Dextrose sales, by type of product or business of buyer, third quarter 1964 and percentage change from third quarter 1963

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	1,168,914	58,177	197,196	454,615	278,584	180,342
Confectionery and related products	211,249	1,564	109,084	80,759	13,427	6,415
Ice cream and dairy products	36,268	1,450	11,476	11,797	6,139	5,406
Beverages	209,025	1,068	98,736	61,577	29,032	18,612
Canned, bottled, frozen foods, jams, jellies preserves, etc.	210,097	5,639	32,903	47,486	54,273	69,796
Multiple and all other food uses	236,322	4,129	56,200	78,966	45,827	51,200
Non-food products	312,810	87,537	97,526	81,430	41,385	4,932
Sub-total	2,384,685	159,564	603,121	816,630	468,667	336,703
<u>Non-industrial</u>						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	69,401	497	-7,579	56,920	2,964	16,599
All other deliveries, including deliveries to Government agencies	13,664	703	2,523	6,472	1,599	2,367
Sub-total	83,065	1,200	-5,056	63,392	4,563	18,966
TOTAL SALES	2,467,750	160,764	598,065	880,022	473,230	355,669
Percentage change from third quarter 1963						
<u>Industrial</u>						
Bakery, cereal and allied products	-16.4	-14.9	-18.0	-15.4	-18.3	-14.4
Confectionery and related products	+12.6	+164.6	- 6.0	+78.1	- 9.3	-40.8
Ice cream and dairy products	-16.9	- 3.3	-11.8	-23.1	-19.8	-11.7
Beverages	-3.2	-43.2	+ 2.2	-11.6	+32.1	-27.8
Canned, bottled, frozen foods; jams, jellies preserves, etc.	- 3.1	+370.3	+ 4.4	-28.9	+58.6	-16.0
Multiple and all other food uses	+39.1	+26.7	+77.1	+13.9	+18.0	+91.4
Non-food products	- 0.6	+47.5	- 3.9	+26.2	-51.1	+ 4.2
Sub-total	- 6.3	+17.2	- 4.4	- 6.0	-13.7	- 8.5
<u>Non-industrial</u>						
Wholesale grocer, jobbers, sugar dealers, retail grocers, chain stores, super markets	-14.6	-56.4	-	- 9.9	- 8.6	+41.4
All other deliveries, including deliveries to Government agencies	-29.7	+14.1	-50.9	-20.9	+ 0.4	-39.6
Sub-total	-17.6	-31.7	-	-11.2	- 5.6	+21.1
Total	- 6.8	+16.6	- 6.3	- 6.4	-13.6	- 7.3

1/ Reported as produced and sold (typically dextrose hydrate) and exclude small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 20.- Corn refiners' shipments, by type of buyer, third quarter 1964 and 1963

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners	
	1964	1963	1964	1963	1964	1963
	Thousand hundredweights, dry basis					
Baking industry	933	830	1,024	1,211	1,957	2,041
Confectioners	1,832	1,676	194	173	2,026	1,849
Ice cream and other dairy products	777	696	33	40	810	736
Breweries and fountain sirups	281	284	47	47	328	331
Canners, packers, jams, jellies, preserves	1,718	1,303	193	187	1,911	1,490
Miscellaneous food industries including sugar refiners	461	441	420	384	881	825
Sirup mixers <sup>1/</sup>	151	111	10	22	161	133
Non-food uses	142	147	300	310	442	457
Jobbers, etc.	<u>24</u>	<u>20</u>	<u>64</u>	<u>75</u>	<u>88</u>	<u>95</u>
Sub-total <sup>2/</sup>	6,319	5,508	2,285	2,449	8,604	7,957
Used in mixed sirups	338	370	-	-	338	370
Corn sirup solids and miscellaneous corn sweeteners <sup>3/</sup>	276	264	-	-	276	264
Total domestic <sup>2/</sup>	6,933	6,143	2,285	2,449	9,218	8,592
Export	46	42	104	45	150	88
Grand total <sup>2/</sup> (domestic & export)	6,979	6,185	2,389	2,494	9,368	8,679
Bulk blends <sup>4/</sup>	469	367	-	-	469	367

<sup>1/</sup> Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

<sup>2/</sup> Due to rounding, totals may not be exact sums of individual items.

<sup>3/</sup> According to the Census of Manufactures 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported. For earlier treatment of this item see Sugar Reports 93, page 6.

<sup>4/</sup> Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.



Table 21. Sugar prices

Year and month	: Raw cane sugar - spot price: Quota			: Refined beet sugar - quoted wholesale (gross) <sup>4/</sup>			
	: Domestic : premiums <sup>3/</sup>			: : :			
	: sugar at N.Y. "World" <sup>2/</sup> : and			: Chicago- : Pacific			
	: duty paid <sup>1/</sup> sugar : discounts			: Eastern : West : Coast			
Cents per pound							
1959-63 Monthly average	6.69	4.10	+1.68	9.10	9.06	9.34	
1962 Monthly average	6.45	2.98	+2.58	9.07	8.95	9.07	
1963 Monthly average	8.18	8.50	-1.23	10.58	10.34	10.71	
<u>1963</u>							
December	8.78	10.36	-2.52	11.61	11.25	12.00	
<u>1964</u>							
January	9.29	10.64	-2.28	11.25	11.25	12.00	
February	8.02	9.11	-2.02	11.05	11.05	11.21	
March	7.33	7.43	-1.03	10.02	10.02	10.63	
April	7.43	8.05	-1.54	9.90	9.90	10.44	
May	6.65	7.12	-1.39	9.48	9.48	9.97	
June	6.45	5.33	+0.20	8.89	8.89	9.33	
July	6.25	4.80	+0.53	8.85	8.85	9.30	
August	6.18	4.37	+0.89	8.71	8.71	9.16	
September	6.20	3.71	+1.57	8.60	8.60	9.05	
October	6.27	3.70	+1.65	8.60	8.60	9.05	
November	6.17	3.40	+1.85	8.60	8.60	9.05	
Last 12-month average	7.08	6.50	-0.34	9.63	9.60	10.10	
Year and month	: Refined cane sugar - quoted wholesale (gross) <sup>4/</sup>						: Retail
	: North : South : : Chicago- : Pacific : U.S.						
	: East : East : Gulf : West : Coast : average						
1959-63 Monthly average	9.94	9.69	9.65	9.33	9.34	12.02	
1962 Monthly average	9.60	9.17	9.03	9.15	9.07	11.70	
1963 Monthly average	11.94	11.45	11.30	10.90	10.71	13.58	
<u>1963</u>							
December	12.95	12.27	12.07	11.78	12.00	14.48	
<u>1964</u>							
January	13.06	12.49	12.38	11.45	12.00	14.26 <sup>5/</sup>	
February	12.62	11.67	11.47	11.25	11.21	14.56 <sup>5/</sup>	
March	11.85	10.76	10.56	10.22	10.63	14.04 <sup>5/</sup>	
April	11.30	10.44	10.27	10.10	10.44	13.50 <sup>5/</sup>	
May	10.78	9.95	9.88	9.68	9.97	13.22 <sup>5/</sup>	
June	10.01	9.35	9.35	9.1	9.33	12.76 <sup>5/</sup>	
July	9.95	9.15	9.17	9.05	9.30	12.22 <sup>5/</sup>	
August	9.95	8.95	9.00	8.91	9.16	12.06 <sup>5/</sup>	
September	9.67	8.95	8.90	8.80	9.05	11.92 <sup>5/</sup>	
October	9.60	8.95	8.90	8.80	9.05	11.78 <sup>5/</sup>	
November	9.60	8.95	8.90	8.80	9.05		
Last 12-month average	10.94	10.16	10.07	9.83	10.10		

1/ Spot prices during 1959-60 were for sugar in bags under Contract No. 6 plus .50 cent per pound duty (Cuban). Beginning with 1961, spot prices are for bulk sugar under Contract No. 7, the terms of which are duty paid or duty free.

2/ Spot prices during 1959-60 based on No. 4 Contract which was for bagged sugar f.a.s. Cuba. Beginning with 1961 spot prices are those under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ For 1959-60 these amounts are the difference between the spot prices of the No. 6 "Domestic" Contract rolled back to Cuba (minus freight and insurance) and the spot prices of the No. 4 "World" Contract. Beginning with 1961 the No. 7 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .055¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

5/ New series beginning January 1964 which may not be strictly comparable with data for earlier periods. For old series through June 1964 see Sugar Reports 148, September 1964.



Table 23.- Refined sugar production and month-end stocks

Year and month	:	Production		:	Month-end stocks <sup>1/</sup>	
	:	:	:	:	:	:
	:	Cane sugar	Beet	:	Cane sugar	Beet
	:	refiners	processors	:	refiners	processors
<hr/>						
1,000 short tons, raw value						
<hr/>						
1959-63 monthly average	557	203	293	881		
1962 monthly average	587	210	267	863		
1963 monthly average	573	218	278	874		
<u>1963</u>						
December	453	579	350	1,025		
<u>1964</u>						
January	491	479	348	1,375		
February	389	214	356	1,405		
March	476	122	352	1,330		
April	554	113	376	1,255		
May	550	66	383	1,116		
June	607	45	367	890		
July	604	79	339	659		
August	599	120	303	455		
September	593	157	259	301		
October	597	665	272	748		
November <sup>2/</sup>	550	600	283	1,175		
Last 12-month average	539	270	332	978		

<sup>1/</sup> Includes over-quota and quota exempt.<sup>2/</sup> Preliminary.



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